

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of	:	Docket 0074-537932
	:	
KEITH VIVIAN ALEXANDER	:	Office of PCT Legal Administration
	:	
U.S. Application No. 10/569,152	:	Confirmation No. 7804
	:	
Filing Date 01/08/2007	:	
	:	
For: POWERED UNICYCLE	:	

**REQUEST FOR CORRECTED FILING RECEIPT AND
REQUEST FOR CORRECTION OF OFFICE RECORDS**

The Filing Receipt for the present application incorrectly identifies the foreign priority application as Czech Republic Application No. 527651 filed August 18, 2003. The correct foreign priority application is New Zealand Application No. 527651. A request for correction of the identification of the foreign priority application was previously submitted on April 16, 2007, including a marked up copy of the Filing Receipt. However, the error was not corrected. A copy of the previous request including the marked copy of the Filing Receipt is attached to this letter. The Applicant hereby renews its request for a corrected filing receipt.

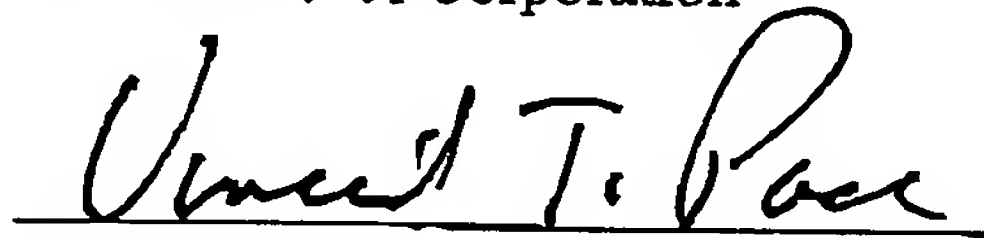
The correspondence address and attorneys of record presently used by the Patent Office in this application are not correct. Sometime between July 12, 2007 and December 3, 2010 the Patent Office changed the correspondence address and attorneys of record from the address and attorneys associated with Customer No. 000110 (Dann Dorfman Herrell and Skillman) to ExxonMobil Upstream Research Company, P.O. Box 2189, (CORP-URC-SW 359), Houston, Texas 77252-2189. The change was effected without authorization by the Applicant, the original attorneys of record, or anyone else. A check of the PAIR Image File for this application shows that neither a revocation of the power of attorney nor a request for a change of correspondence address was filed in this application. Prior to July 12, 2007 all correspondence was being sent to the Applicant's undersigned attorneys at the correct address. The application was published with the correct correspondence address.

Application No. 10/569,152
Confirmation No. 7804
Docket No. 0074-537932

In view of the foregoing facts and circumstances, it appears that the changes to the correspondence address and attorneys of record are the result of a mistake by the Patent Office. Accordingly, it is requested that the correspondence address and the named attorneys be corrected to the address and attorneys associated with Customer No. 000110 (Dann Dorfman Herrell and Skillman).

A notice of allowance for this application was mailed on February 23, 2011. Therefore, it is further requested that the corrections requested in this communication be effected immediately so that the patent and any future communications can be timely received by the Applicant and the patent will be printed with the correct priority information.

Respectfully submitted,
DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation



Vincent T. Pace
PTO Registration No. 3,049

Attachments
Tel: 215-563-4100
Fax: 215-563-4044
Email: vpace@ddhs.com

ATTACHMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of	: Docket 0074-537932
KEITH VIVIAN ALEXANDER	:
U.S. Appln. No. 10/569,152	: Office of Initial Patent
International Appln. No. PCT/NZ2004/000188	: Examination
International Filing Date 18 August 2004	: Paralegal Diane L. Smith
For: A POWERED UNICYCLE	: Confirmation No. 7804
	:

**RESPONSE TO NOTIFICATION,
REQUEST FOR CORRECTED FILING RECEIPT, AND
REQUEST FOR CORRECTION OF OFFICE RECORDS**

In response to the official communication titled NOTIFICATION OF DEFECTIVE RESPONSE mailed on March 19, 2007, the Applicant submits the following.

The communication mailed on March 19, 2007 states that additional claims fees are due for this application as set forth in the NOTIFICATION OF MISSING REQUIREMENTS mailed on November 3, 2006. That statement is clearly erroneous. The NOTIFICATION mailed on November 3, 2006 does not contain any requirement for additional claims fees. A true and correct copy of the November 3, 2006 NOTIFICATION is enclosed for verification of that assertion (Exhibit A).

Moreover, no additional claims fees would have been due in this case because there are only three (3) independent claims and twenty (20) claims total presented in this application. A true and correct copy of the Preliminary Amendment submitted on February 21, 2006, the date of entry of the US national phase, is enclosed (Exhibit B). It is clear from the Preliminary Amendment that at the time the US national phase of PCT/NZ2004/000188 was entered, the

Application No. 10/569,152
Confirmation No. 7804
Docket No. 0074-537932

application contained only 3 independent claims (Claims 1, 15, and 19) and was amended to contain 20 total claims.

The Filing Receipt for the present application incorrectly identifies the foreign priority application as Czech Republic Application No. 527651 filed August 18, 2003. The correct foreign priority application is New Zealand Application No. 527651. See attached marked up copy of the Filing Receipt.

It is believed that the records of this application and US Application No. 10/569,153 have become mixed up. The Applicant's undersigned attorney performed a review of the PAIR records for the present application and US Application No. 10/569,153.¹ Enclosed is a copy of a DO/EO Worksheet (Exhibit C) reproduced from the PAIR records of US 10/569,153. The international application number indicated on Exhibit C is PCT/IB2004/051460. Also enclosed is a copy of another DO/EO Worksheet (Exhibit D) reproduced from the PAIR records of US 10/569,153. The international application number indicated on Exhibit D is PCT/NZ2004/000188. Further enclosed is a copy of the DO/EO Worksheet for the present application (Exhibit E). The international application number indicated on Exhibit E is also PCT/NZ2004/000188. Exhibits C, D, and E clearly show that there is an error in the Office records for US 10/569,153 because two different international applications should not have the same US application number. Further, a single international application should not have two different US application numbers. The US national phase of PCT/NZ2004/000188 is Application No. 10/569,152, the present application.

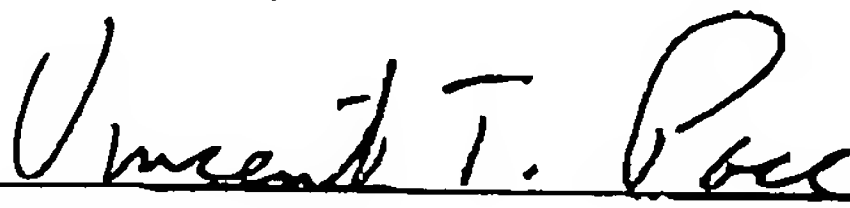
¹ It appears that Customer No. 00110 has been associated with US 10/569,153 even though the attorneys associated with that customer number do not represent the applicant in that application.

Application No. 10/569,152
Confirmation No. 7804
Docket No. 0074-537932

Also enclosed are copies of two Fee Determination Records (Form PTO-875) (Exhibits F and G) which were obtained from the PAIR records for US 10/569,153. In Exhibit F, Part 1 shows the as-filed claims including four (4) independent claims and 20 total claims. Part 1 of Exhibit G shows the as-filed claims including 3 independent claims and 20 total claims. Further enclosed is a copy of the claims from US 10/569,153 as filed in PCT/IB2004/051460 (Exhibit H). Exhibit H clearly shows that PCT/IB2004/051460 contained 4 independent claims and 20 total claims when the US national phase of that international application was entered. Therefore, additional claims fees should have been charged to the applicant in US 10/569,153, not to the Applicant in US 10/569,152.

In view of the foregoing facts and circumstances, it is believed that the NOTIFICATION mailed on March 19, 2007 is improper, that the Filing Receipt mailed on March 19, 2007 contains an error, and that the Office records relating to US 10/569,153 contain errors that should be corrected. Accordingly, the Applicant in the present application requests that the NOTIFICATION OF DEFECTIVE RESPONSE mailed on March 19, 2007 be withdrawn, that a notice of acceptance and a corrected filing receipt be issued for Application No. 10/569,152, and that the errors in the Office records for US 10/569,153 be corrected to remove all reference to PCT/NZ2004/000188 and Customer No. 00110.

Respectfully submitted,
DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation



Vincent T. Pace
PTO Registration No. 3,049

Attachments
Tel: 215-563-4100
Fax: 215-563-4044
Email: vpace@ddhs.com



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: **COMMISSIONER FOR PATENTS**
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371(C) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/569,152	01/08/2007	3611	515	0074-537932	20	7

110
DANN, DORFMAN, HERRELL & SKILLMAN
1601 MARKET STREET
SUITE 2400
PHILADELPHIA, PA 19103-2307

CONFIRMATION NO. 7804

FILING RECEIPT

OC000000022948167

Date Mailed: 03/19/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Keith Vivian Alexander, Upper Riccarton, NEW ZEALAND;

Power of Attorney: The patent practitioners associated with Customer Number 000110.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/NZ04/00188 08/18/2004

Foreign Applications

NEW ZEALAND

~~CZECH REPUBLIC~~ 527651 08/18/2003

If Required, Foreign Filing License Granted: 03/16/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/569,152**

Projected Publication Date: 06/28/2007

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22315-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/569,152	Keith Vivian Alexander	0074537932

000110
DANN, DORFMAN, HERRELL & SKILLMAN
1601 MARKET STREET
SUITE 2400
PHILADELPHIA, PA 19103-2307

INTERNATIONAL APPLICATION NO.

PCT/NZ04/00188

I.A. FILING DATE

08/18/2004

PRIORITY DATE

08/18/2003

CONFIRMATION NO. 7804

371 FORMALITIES LETTER



OC000000021100234

Date Mailed: 11/03/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/21/2006
- Copy of the International Search Report filed on 02/21/2006
- Preliminary Amendments filed on 02/21/2006
- U.S. Basic National Fees filed on 02/21/2006
- Priority Documents filed on 02/21/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and International filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

EXHIBIT A

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/569,152	PCT/NZ04/00188	0074537932

FORM PCT/DO/EO/905 (371 Formalities Notice)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

: **Docket 0074-537932****KEITH VIVIAN ALEXANDER**U.S. Appln. No. **not assigned yet**

International Appln. No. PCT/NZ2004/000188

International Filing Date 18 August 2004

For: **A POWERED UNICYCLE****PRELIMINARY AMENDMENT**

As a preliminary matter, please amend the above-identified application as follows:

Amendments to the **Claims** begin at **page 2**.

The **Remarks** concerning the Preliminary Amendment begin at **page 6**.

In re the Application of **KEITH VIVIAN ALEXANDER**
U.S. Appln. No. not assigned yet
International Appln. No. PCT/NZ2004/000188
Docket No. 0074-537932

- 1.(original) A powered unicycle including:
 - a wheel driven by a motor;
 - a control system arranged to automatically maintain the fore-aft balance of the unicycle via operation of the motor;
 - a handlebar, coupled to the wheel by a pillar, which is operable to steer the wheel; and
 - a rider-support which supports a rider, and which is pivotally mounted about an axis which is at least approximately vertical in use of the unicycle.
- 2.(original) A powered unicycle according to claim 1, wherein the rider-support is pivotally mounted to the pillar by a pivotal connection.
- 3.(original) A powered unicycle according to claim 2, wherein the pivotal connection is configured to resiliently urge the rider support toward a central position relative to the wheel.
- 4.(original) A powered unicycle according to claim 3, wherein the pivotal connection includes a bush formed from resilient material located about a lower portion of the pillar and a sleeve coupled to the rider-support which surrounds the bush.
- 5.(original) A powered unicycle according to claim 2, wherein the pivotal connection includes a spring mechanism arranged to urge the rider-support toward a central position relative to the wheel.
- 6.(original) A powered unicycle according to claim 5, wherein the spring mechanism

In re the Application of **KEITH VIVIAN ALEXANDER**
U.S. Appln. No. **not assigned yet**
International Appln. No. PCT/NZ2004/000188
Docket No. 0074-537932

includes two arms fixed relative to either the pillar or the rider-support and against which springs operate to urge the rider-support toward said central position.

7.(currently amended) A powered unicycle according to ~~any one of the preceding claims~~ claim 1, wherein the rider-support is a standing platform upon which the rider may stand.

8.(currently amended) A powered unicycle according to ~~any one of claims 1-6~~ claim 1, wherein the rider-support includes a seat upon which the rider may sit.

9.(original) A powered unicycle according to claim 8, wherein the rider-support further includes a foot platform upon which the rider may place their feet while sitting on the seat.

10.(original) A powered unicycle according to claim 1, wherein the rider-support is a seat, mounted to the pillar by a seat post, the seat being pivotal upon the seat post.

11.(original) A powered unicycle according to claim 1, wherein unicycle includes two rider- supports, each being a foot pad pivotally mounted on a standing platform which is rigidly mounted to the pillar.

12.(original) A powered unicycle according to claim 11, wherein the foot pads are biased toward a central position relative to the wheel.

13.(currently amended) A powered unicycle according to ~~any one of the preceding~~

In re the Application of **KEITH VIVIAN ALEXANDER**
U.S. Appln. No. not assigned yet
International Appln. No. PCT/NZ2004/000188
Docket No. 0074-537932

~~claims~~ claim 1, wherein the control system has one or more associated sensors arranged to detect whether the pillar and wheel are aligned with the local gravitational and inertial force field.

14.(original) A powered unicycle according to claim 13, wherein the control system is arranged to operate the motor to accelerate the wheel when it is detected as behind the field and to decelerate the wheel when it is detected as ahead of the field, to automatically maintain the fore-aft balance of the unicycle.

15.(original) A powered unicycle including:
a wheel driven by a motor;
a control system arranged to automatically maintain the fore-aft balance of the unicycle via operation of the motor;
a handlebar, coupled to the wheel by a pillar, which is operable to steer the wheel; and
a standing platform, upon which a rider may stand, which is pivotally mounted about an axis which is at least approximately vertical in use of the unicycle.

16.(original) A powered unicycle according to claim 15, wherein the standing platform is pivotally mounted to the pillar by a pivotal connection.

17.(original) A powered unicycle according to claim 16, wherein the pivotal connection is configured to resiliently urge the standing platform toward a central position relative to the wheel.

In re the Application of **KEITH VIVIAN ALEXANDER**
U.S. Appln. No. not assigned yet
International Appln. No. PCT/NZ2004/000188
Docket No. 0074-537932

18.(original) A powered unicycle according to claim 16, wherein the pivotal connection includes a spring mechanism arranged to urge the standing platform toward a central position relative to the wheel.

19.(original) A powered unicycle including:
a wheel driven by a motor;
a control system arranged to automatically maintain the fore-aft balance of the unicycle via operation of the motor;
a handlebar, coupled to the wheel by a pillar, which is operable to steer the wheel;
a platform fixed to the pillar; and
two foot pads each pivotally mounted to the platform about an axis which is at least approximately vertical in use of the unicycle, upon which the rider may stand.

20.(original) A powered unicycle according to claim 19, wherein the foot pads are biased toward a central position relative to the wheel.

DO/EO WORKSHEET

Paralegal/ National Stage Division

U.S. Appl. No. 10/369153International Appl. No. 182004/051460Application filed by: ☐ 20 months ☒ 30 months

WIPO PUBLICATION INFORMATION:

Publication No.: WO2005/101782Publication Language: ☒ English ☐ German ☐ Japanese ☐ Chinese ☐ Korean
☐ French ☐ Spanish ☐ Russian ☐ Other: _____Publication Date: 24 Feb 05Not Published: ☐ U.S. only designated ☐ EP requestPublished: ☐ EP request

INTERNATIONAL APPLICATION PAPERS IN THE APPLICATION FILE:

☒ International Application (RECORD COPY)☐ PCT/IB/331☐ Article 19 Amendments☒ Request form PCT/RO/101☐ PCT/IPEA/409 IPR: ☐ EP ☐ JP ☐ SE ☐ AU
☐ US ☐ FR ☐ CN ☐ ES ☐ RU ☐ AT ☐ KR ☐ _____
☐ PCT/IPEA/409 IPR was NOT AVAILABLE at the time of
paralegal review☒ PCT/ISA/210 - Search Report: ☒ EP ☐ JP ☐ SE ☐ AU
☐ US ☐ FR ☐ CN ☐ ES ☐ RU ☐ AT ☐ KR ☐ OTHER _____
☐ NONE☐ Annexes to 409☐ Search Report References☒ Priority Document (s) No. 1☐ Other: _____

RECEIPTS FROM THE APPLICANT (other than checked above):

☒ Basic National Fee (or authorization to charge)☐ Preliminary Amendment(s) Filed on:☒ Description ☒ Claims ☒ Abstract

1. _____ 2. _____ 3. _____

☒ Information Disclosure Statement(s) Filed on:☒ Drawing Figure(s) - (# of drwgs. 3)

1. _____ 2. _____ 3. _____

☐ Assignment Document (forwarded to
Assignment Branch) 1. _____☐ Translation of Article 19 Amendments☒ Assignee PG Publication Notice☐ entered ☐ not entered:☐ Substitute Specification Filed on:☐ not a page for page substitution
☐ replaced by Article 34 Amendment

1. _____ 2. _____

☐ Annexes to 409☐ Verified Small Status Statement 1. _____☐ entered ☐ not entered:☒ Oath/ Declaration (executed)☐ not a page for page substitution☐ unsigned ☐ no citizenship☐ no translation ☐ other: _____☐ DNA Diskette☐ Sequence Listing☐ Application Data Sheet☒ Other: CL382 AU 2624☒ Power of Attorney/ Change of AddressNOTES: ☐ I.A. used as Specification ☐ Other:

35 U.S.C. 371 - Receipt of Request (PTO-1390)

Date Acceptable Oath/ Declaration Received 21 Feb 06

Date of Completion of requirements under 35 U.S.C. 371

Date of Completion of ALL requirements

Date of Completion of DO/EO 903 - Notification of Acceptance

Date of Completion of DO/EO 905 - Notification of Missing Requirements 19 Sept 06

Date of Completion of DO/EO 909 - Notification of Abandonment

Date of Completion of DO/EO 916 - Notification of Defective Response

Date of Completion of DO/EO 922 - Notification to Comply w/ Requirements for Patent
Applications Containing Nucleotide and/or Amino Acid Sequence Disclosures

Date of Completion of DO/EO 923

EXHIBIT C

U.S. Appl. No.

10-569153

Paralegal/National Stage Division

International Appl. No.

PCT/NZ2004/00/88

Application filed by: ☐ 20 months ☒ 30 months

WIPO PUBLICATION INFORMATION:

Publication No.: WO 2005/016735

Publication Language: ☐ English ☐ German ☐ Japanese ☐ Chinese ☐ Korean
☐ French ☐ Spanish ☐ Russian ☐ Other:

Publication Date: 2-24-05

Not Published: ☐ U.S. only designated ☐ EP requestPublished: ☐ EP request

INTERNATIONAL APPLICATION PAPERS IN THE APPLICATION FILE:

- ☒ International Application (RECORD COPY)
- ☒ Article 19 Amendments
- ☒ PCT/IPEA/409 IPER: ☒ EP ☐ JP ☐ SE ☐ AU
☐ US ☐ FR ☐ CN ☐ ES ☐ RU ☐ AT ☐ KR ☐
☐ PCT/IPEA/409 IPER was NOT AVAILABLE at the time of
paralegal review
- ☐ Annexes to 409
- ☒ Priority Document(s) No. 1
- ☐ PCT/IB/331
- ☐ Request form PCT/RO/101
- ☒ PCT/ISA/210 - Search Report: ☒ EP ☐ JP ☐ SE ☐ AU
☐ US ☐ FR ☐ CN ☐ ES ☐ RU ☐ AT ☐ KR ☐ OTHER
☐ NONE
- ☐ Search Report References
- ☐ Other:

RECEIPTS FROM THE APPLICANT (other than checked above):

- ☒ Basic National Fee (or authorization to charge)
- ☐ Description ☐ Claims ☒ Abstract
- ☒ Drawing Figure(s) - (# of dwgs. 9)
- ☐ Translation of Article 19 Amendments
☐ entered ☐ not entered:
☐ not a page for page substitution
☐ replaced by Article 34 Amendment
- ☐ Annexes to 409
☐ entered ☐ not entered:
☐ not a page for page substitution
☐ no translation ☐ other:
- ☐ Application Data Sheet
- ☐ Power of Attorney/ Change of Address
- ☒ Preliminary Amendment(s) Filed on:
1. 2/21/04 2. 3.
- ☐ Information Disclosure Statement(s) Filed on:
1. 2. 3.
- ☐ Assignment Document (forwarded to
Assignment Branch) 1.
- ☐ Assignee PG Publication Notice
- ☐ Substitute Specification Filed on:
1. 2.
- ☐ Verified Small Status Statement 1.
- ☐ Oath/ Declaration (executed)
☐ unsigned ☐ no citizenship
- ☐ DNA Diskette ☐ Sequence Listing
- ☐ Other:

NOTES: ☐ I.A. used as Specification ☐ Other:

35 U.S.C. 371 - Receipt of Request (PTO-1390)

Date Acceptable Oath/ Declaration Received

Date of Completion of requirements under 35 U.S.C. 371

Date of Completion of ALL requirements

Date of Completion of DO/ EO 903 - Notification of Acceptance

Date of Completion of DO/ EO 905 - Notification of Missing Requirements

Date of Completion of DO/ EO 909 - Notification of Abandonment

Date of Completion of DO/ EO 916 - Notification of Defective Response

Date of Completion of DO/EO 922 - Notification to Comply w/ Requirements for Patent

Applications Containing Nucleotide and/or Amino Acid Sequence Disclosures

Date of Completion of DO/ EO 923

EXHIBIT D

DO/EO WORKSHEET

Diane Smith

U.S. Appl. No. 10/569152International Appl. No. PCT/N204/000188Application filed by : ☐ 20 months ☒ 30 months

WIPO PUBLICATION INFORMATION :

Publication No.: WO2005/016735Publication Language : ☒ English ☐ German ☐ Japanese ☐ Chinese ☐ Korean
☐ French ☐ Spanish ☐ Russian ☐ Other : _____Publication Date : 24 Feb 2005Not Published : ☐ U.S. only designated ☐ EP requestPublished : ☐ EP request

INTERNATIONAL APPLICATION PAPERS IN THE APPLICATION FILE :

☒ International Application (RECORD COPY)☐ Article 19 Amendments☒ PCT/IPEA/409 IPER : ☐ EP ☐ JP ☐ SE ☒ AU
☐ US ☐ FR ☐ CN ☐ ES ☐ RU ☐ AT ☐ KR ☐ _____☐ Annexes to 409☐ PCT/ISA/237 : ☐ EP ☐ JP ☐ SE ☐ AU
☐ US ☐ FR ☐ CN ☐ ES ☐ RU ☐ AT ☐ KR ☐ _____
☐ PCT/IPEA/409 or PCT/ISA/237 was NOT AVAILABLE at the time of paralegal review☐ PCT/IB/306☐ Request form PCT/RO/101☒ PCT/ISA/210 - Search Report : ☐ EP ☐ JP ☐ SE ☒ AU
☐ US ☐ FR ☐ CN ☐ ES ☐ RU ☐ AT ☐ KR ☐ _____ ☐ NONE☐ Search Report References☒ Priority Document (s) No. 1☐ N/A☐ Priority Document was NOT AVAILABLE at the time of paralegal review.☐ Other : _____

RECEIPTS FROM THE APPLICANT (other than checked above) :

☒ Basic National Fee (or authorization to charge)☒ Description ☒ Claims ☒ Abstract☒ Drawing Figure(s) - (# of dwgs. 9)☐ Translation of Article 19 Amendments
☐ entered ☐ not entered :☐ not a page for page substitution
☐ replaced by Article 34 Amendment☐ Annexes to 409
☐ entered ☐ not entered :☐ not a page for page substitution
☐ no translation ☐ other : _____☐ Application Data Sheet☒ Power of Attorney 01-08-07☐ Change of Address☒ Preliminary Amendment(s) Filed on :1. ☒ same as 371 request date 2. _____ 3. _____☒ Information Disclosure Statement(s) Filed on :1. ☐ same as 371 request date 2. 1-8-2007 3. _____☐ Assignment Document (forwarded to Assignment Branch)☐ Assignee Statement Under 37 CFR 3.73(b)☐ Assignee PG Publication Notice☐ Substitute Specification Filed on :1. ☐ same as 371 request date 2. _____ 3. _____☒ Verified Small Status Statement☒ Oath/ Declaration (executed) 01-08-2007☐ Oath/ Declaration ☐ unsigned ☐ no citizenship ☐ other☐ DNA Diskette ☐ Sequence Listing☐ Other : _____NOTES : ☐ I.A. used as Specification ☐ Other : _____

35 U.S.C. 371 - Receipt of Request (PTO-1390)

mo. 02/ day 21/ yr. 2006

Date Acceptable Oath/ Declaration Received

☐ Same as 371 Req. Date; ☐ mo. 01/ day 08/ yr. 2007

Date of Completion of requirements under 35 U.S.C. 371

☐ Same as 371 Req. Date; ☐ Same as OATH Date; ☐ mo. / day / yr. 200

Date of Completion of DO/EO 903 - Notification of Acceptance

Date of Completion of DO/EO 905 - Notification of Missing Requirements

Date of Completion of DO/EO 909 - Notification of Abandonment

Date of Completion of DO/EO 916 - Notification of Defective Response

EXHIBIT E

PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 8, 2004

Application or Docket Number

10 | 569153

CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

U.S. NATIONAL STAGE FEES		
BASIC FEE	SMALL ENT. = \$ 150	LARGE ENT. = \$ 300
EXAMINATION FEE	Satisfies PCT Article 33(1)-(4) = \$ 50 / \$ 100	All other situations = \$ 100 / \$ 200
SEARCH FEE	U.S. is ISA = \$ 50 / \$ 100 ALL other countries = \$ 200 / \$ 400	All other situations = \$ 250 / \$ 500
FEE FOR EXTRA SPEC. PGS.	minus 100 =	/ 50 =
TOTAL CHARGEABLE CLAIMS	20 minus 20 =	
INDEPENDENT CLAIMS	4 minus 3 =	1
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐

OR

OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	
EXAM. FEE	
SEARCH FEE	
X \$ 125 =	
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL	

OR

RATE	FEE
BASIC FEE	300
EXAM. FEE	200
SEARCH FEE	400
X \$ 250 =	
X \$ 50 =	
X \$ 200 =	200
+ \$ 360 =	
TOTAL	

CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL ADDIT. FEE	

OR

RATE	ADDITIONAL FEE
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL ADDIT. FEE	

(Column 1)

(Column 2)

(Column 3)

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL ADDIT. FEE	

OR

RATE	ADDITIONAL FEE
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL ADDIT. FEE	

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 - ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20".
 - *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3".
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 8, 2004

Application or Docket Number

10-569153

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
U.S. NATIONAL STAGE FEES		
BASIC FEE	SMALL ENT. = \$ 150	LARGE ENT. = \$ 300
EXAMINATION FEE	Satisfies PCT Article 33(1)-(4) = \$ 50 / \$ 100	All other situations = \$ 100 / \$ 200
SEARCH FEE	U.S. is ISA = \$ 50 / \$ 100 ALL other countries = \$ 200 / \$ 400	All other situations = \$ 250 / \$ 500
FEE FOR EXTRA SPEC. PGS.	minus 100 =	/ 50 =
TOTAL CHARGEABLE CLAIMS	20 minus 20 = *	
INDEPENDENT CLAIMS	3 minus 3 = *	
MULTIPLE DEPENDENT CLAIM PRESENT <input type="checkbox"/>		

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐

OR

OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	
EXAM. FEE	
SEARCH FEE	
X \$ 125 =	
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL	

OR

RATE	FEE
BASIC FEE	300
EXAM. FEE	200
SEARCH FEE	400
X \$ 250 =	
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL	

CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL ADDIT. FEE	

OR

RATE	ADDITIONAL FEE
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL ADDIT. FEE	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus **	=
Independent	*	Minus ***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>			

RATE	ADDITIONAL FEE
X \$ 25 =	
X \$ 100 =	
+ \$ 180 =	
TOTAL ADDIT. FEE	

OR

RATE	ADDITIONAL FEE
X \$ 50 =	
X \$ 200 =	
+ \$ 360 =	
TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "20", enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than "3", enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

EXHIBIT G

WO 2005/017827

PCT/IB2004/051460

8

CLAIMS

1. A method for detecting a watermark in content, comprising the steps of:
utilizing only a subset of candidate counter watermark detection techniques for each time interval from a set of available counter watermark detection techniques; and
searching for a watermark utilizing one or more of said subset of candidate counter watermark detection techniques.
2. The method of claim 1, wherein only a second subset of said available counter watermark detection techniques is implemented in a given watermark detector.
3. The method of claim 1, wherein a given watermark detector is provided said subset of available counter watermark detection techniques from a larger pool of available counter watermark detection techniques.
4. The method of claim 2, wherein said first and second subsets of said pool of counter watermark detection techniques are the same.
5. The method of claim 1, wherein said selected counter watermark detection technique is selected randomly from said first subset of a pool of counter watermark detection techniques.
6. The method of claim 1, wherein said steps are repeated until a watermark is detected or all counter watermark detection techniques have been executed.
7. The method of claim 1, further comprising the step of disabling content access if a corrupted watermark is detected.
8. The method of claim 1, further comprising the step of enabling content access if a valid watermark is detected.

EXHIBIT H

WO 2005/017827

PCT/IB2004/051460

9

9. The method of claim 1, further comprising the step of enabling content access if no watermark has been found after all available counter watermark detection techniques have been executed.

10. The method of claim 1, further comprising the step of restarting said search for a watermark at a beginning of each of said time intervals.

11. The method of claim 1, wherein said subset of a pool of counter watermark detection techniques is selected randomly from all available counter watermark detection techniques.

12. The method of claim 2, wherein said second subset of a pool of counter watermark detection techniques is selected randomly from the first subset of a pool of counter watermark detection techniques.

13. A method for detecting a watermark in content, comprising the steps of:
randomly selecting a counter watermark detection technique from a set of available counter watermark detection techniques; and
searching for a watermark utilizing said selected counter watermark detection technique.

14. The method of claim 13, wherein only a subset of said available counter watermark detection techniques is implemented in a given watermark detector.

15. The method of claim 13, wherein a given watermark detector is provided a subset of available counter watermark detection techniques from a larger pool of available counter watermark detection techniques.

WO 2005/017827

PCT/IB2004/051460

10

16. The method of claim 13, wherein said set of counter watermark detection techniques is selected randomly from all available counter watermark detection techniques.
17. The method of claim 14, wherein said subset of counter watermark detection techniques is selected randomly from the set of counter watermark detection techniques.
18. The method of claim 13, wherein said steps are repeated until a watermark is detected or all counter watermark detection techniques have been executed.
19. A system for detecting a watermark in content, comprising:
a memory; and
at least one processor, coupled to the memory, operative to:
utilize only a subset of candidate counter watermark detection techniques for each time interval from a set of available counter watermark detection techniques; and
search for a watermark utilizing one or more of said subset of candidate counter watermark detection techniques.
20. A system for detecting a watermark in content, comprising the steps of:
a memory; and
at least one processor, coupled to the memory, operative to:
randomly select a counter watermark detection technique from a set of available counter watermark detection techniques; and
search for a watermark utilizing said selected counter watermark detection technique.